

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : **Box: Patent Applications**

Dominique COMMEREUC et al. : Group Art Unit: 1713

Serial No.: Not Yet Issued : Examiner: W. Cheung

Filed: April 19, 2001 :

For: A VIBRATORY HELICOIDAL CONVEYOR FOR TREATMENT OF  
METATHESIS CATALYSTS FOR OLEFINS (AS AMENDED)

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, Applicants wish to amend the above-identified application as indicated below.

**IN THE TITLE**

Please replace the existing title with the following:

--A VIBRATORY HELIOIDAL CONVEYOR FOR TREATMENT OF METATHESIS  
CATALYSTS FOR OLEFINS--.

**IN THE ABSTRACT**

Please delete the existing Abstract and replace with the attached Abstract of the Disclosure.

**IN THE CLAIMS:**

Please amend the claims as follows:

Please cancel claims 1-12 without prejudice or disclaimer.

REMARKS

The title and abstract are changed to reflect apparatus aspect of this divisional application. Claim 13 is directed to the non-elected claims in the parent application.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "**Version With Markings To Show Changes Made**".

Respectfully submitted,



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## ABSTRACT OF THE DISCLOSURE

A vibratory helidcoidal lifting device (12) suitable for regenerating metathesis catalysts for olefins, comprises a combustion zone (14) and a calcination zone (15), as well as a preheating zone, a zone for stripping hydrocarbons and a zone for cooling the catalyst, but no zone for introducing a gas containing a halogenated compound.

## Version With Markings To Show Changes Made

### IN THE TITLE

The title has been amended as follows:

~~TREATMENT OF METATHESIS CATALYSTS FOR OLEFINS IN~~ A VIBRATORY  
HELIOIDAL CONVEYOR FOR TREATMENT OF METATHESIS CATALYSTS FOR  
OLEFINS

### IN THE ABSTRACT

The abstract has been deleted and replaced with the attached Abstract of the Disclosure,  
therefore no marked-up version is necessary.

### IN THE CLAIMS

Claims 1-12 have been canceled.